

Abstract

A dental construct is provided, which includes: a dental construct substrate; an image layer disposed at least partially on a surface of the dental construct substrate, the image layer comprising an image or information media composed of a colorant composition, the image layer fused at a temperature and being essentially free of lead and cadmium; and, a ceramic layer disposed at least partially over a surface of the dental construct substrate and covering at least the surface of the image layer, the ceramic layer comprising at least one or both of a ceramic material and a glaze material, the ceramic layer fused at a temperature, the ceramic layer being generally transparent and essentially free of lead and cadmium. The dental construct substrate preferably has a general configuration of at least a portion of a tooth. The first layer (image layer) comprises a ceramic material, preferably a metal oxide.